Universal Microwave Components Corp.
5702-D General Washington Drive Alexandria, VA 22312 <> Web: www.umcc111.com
E-mail: sales@umcc111.com <> Tel: (703) 642-6332 <> Fax: (703) 642-2568

Model: BT-G300-HS

Description:	Bias Tee
Operating Frequency:	300 MHz - 20 GHz
Insertion Loss:	0.8 dB Max
VSWR:	1.45:1 Max
Isolation DC to RF:	30dB Min
Bias Frequency Bandwidth (1dB)	DC-10 MHz
RF Power:	10W Max
Bias Voltage:	50 Volts Max
Bias Current:	300 mA Max
Bias DC Resistance:	0.6 Ohms
RF Connector:	SMA (female)
RF+DC Connector:	SMA (female)
Bias Connector:	Solder Pin
Impedance:	50 Ohms Nominal
Quality:	Best-Commercial-Grade

Environmental Ratings:

Temperature:	{Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}
Humidity:	MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)
Shock:	MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)
Vibration:	MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)
Altitude:	MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)
Temp. Shock:	MIL-STD-202F, Method 107D, Cond. A (5 cycles)

Available Options:

(Units with listed options here may be subject to some specification tradeoffs from the standard, consult factory)

■ ***RF & RF+DC Connectors***

B1 [RF port with SMA(M) connector] <> IL=0.9dB; VSWR=1.5:1 <> Model: **BT-G3B1-HS**
B2 [RF+DC port with SMA(M) connector] <> IL=0.9dB; VSWR=1.5:1 <> Model: **BT-G3B2-HS**
B3 [RF & RF+DC ports with SMA(M) connector] <> IL=1.0dB; VSWR=1.55:1 <> Model: **BT-G3B3-HS**

Outline